



## Finding the search tool that fits your research needs

These are several search tools on the International Space University Library website (<https://isulibrary.isunet.edu/opac>), plus the general internet, that you can use to find information.

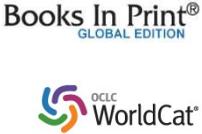
**Which tool is best for your research needs? Use the chart below to assist you.**

These search tools are listed in '**RESOURCES**' in the **Find Articles** section.

By contract with the publishers, some databases have restricted access for ISU staff and students only; therefore **log in with your ISU ID will be required when you reach the resource.**

**Note:** Some search tools will provide you with lists of citations (title, author, and keywords, abstract...) and NOT the full-text article. To obtain an article which interests you, send an e-mail to ISU librarian ([muriel.riester@isunet.edu](mailto:muriel.riester@isunet.edu)) to request the full-text article. Don't forget to include the article's details (title, author, and keywords, abstract...).

Details for each search tool like scope of content are listed beneath the chart by alphabetical order of search tool name.

				
<p>I am most interested in finding articles</p> <p>I want to find academic and peer-reviewed articles</p> <p>I want to do a more focused search</p> <p>I need recent material</p> <p>I need a database geared toward the subject area I am studying</p>	<p>I want to do an interdisciplinary search</p> <p>I am most interested in finding articles</p> <p>I want to find peer-reviewed articles</p> <p>I need recent material</p>	<p>I am most interested in finding articles</p> <p>I want to find academic and peer-reviewed articles</p> <p>I want to see what other academic materials have been published in non-traditional journals</p>	<p>I am looking for scholarly material owned by or pinned by ISU Library</p> <p>I am looking to use a variety of information sources</p> <p>I am looking for subject guides</p> <p>I want to access an eBook</p>	<p>I am looking for a book that is not available at ISU library</p> <p>I want to suggest a book to the Library toward the subject area I am working on</p>
<ul style="list-style-type: none"> <li>▪ ProQuest Central</li> <li>▪ NASA ADS</li> <li>▪ GreenFILE</li> <li>▪ PubMed</li> <li>▪ AIAA ARC</li> <li>▪ SPIE Digital library</li> <li>▪ IEEE Xplore</li> <li>▪ SAE Technical papers</li> </ul>	<ul style="list-style-type: none"> <li>▪ WebOfScience</li> <li>▪ ProQuest Central</li> <li>▪ Science Direct</li> <li>▪ SpringerLink</li> <li>▪ Google Scholar</li> </ul>	<ul style="list-style-type: none"> <li>▪ DOAJ</li> <li>▪ BioMed Central</li> <li>▪ ArXiv.org</li> <li>▪ Bielefeld Academic Search Engine (BASE)</li> <li>▪ OpenGrey</li> </ul>	<ul style="list-style-type: none"> <li>▪ ISU Library website and online catalog</li> </ul>	<ul style="list-style-type: none"> <li>▪ Books In Print</li> <li>▪ WorldCat</li> </ul>

### [ISU Library website and online catalog](#)

*Subjects: multidisciplinary related to space*

Use the search box on the library website to search for material owned by (books and eBooks, journals, subject guides, team projects, internship reports) or pinned by the Library (electronic resources, websites, online databases).

### [AIAA ARC \(American Institute of Aeronautics and Astronautics\) Aerospace Research Central](#)

*Subjects: Aerospace sciences, engineering and technology management, guidance, navigation control, propulsion and energy, space and missile systems...*

Search for AIAA publications (books, journals, meeting papers, standards).

### [ArXiv.org e-print archives](#)

Open access to 1,020,298 e-prints in **Physics, Mathematics, Computer Science, Quantitative Biology, Quantitative Finance and Statistics**. Operated by Cornell University Library.

### [Bielefeld Academic Search Engine \(BASE\)](#)

*Subjects: multidisciplinary*

BASE is one of the world's most voluminous *search engines* especially for *academic* open access web resources. BASE is operated by Bielefeld University Library.

### [BioMed Central](#)

BioMed Central is an STM (**Science, Technology and Medicine**) publisher of 277 peer-reviewed open access journals. Open access publishing allows free access to and distribution of published articles where the author retains copyright of their work by employing a Creative Commons attribution license, therefore removing any barriers to access.

### [BooksInPrint](#)

*Subjects: multidisciplinary*

Global BooksInPrint is a bibliographical database which contains more than 11 million book titles in-print or forthcoming, in all format options, including ebooks, published around the world, from the English American marketplace.

### [Directory of Open Access Journals \(DOAJ\)](#)

*Subjects: multidisciplinary*

Open access scientific and scholarly journals that use a quality control system to guarantee the content. Open access publishing allows free access to and distribution of published articles where the author retains copyright of their work by employing a Creative Commons attribution license, therefore removing any barriers to access.

### [Google Scholar](#)

*Subjects: multidisciplinary*

Google Scholar is a Web search engine that specifically searches scholarly literature and academic resources. The scholarly, authoritative focus of Google Scholar

distinguishes it from ordinary Google. Google Scholar can be a convenient starting place, but it is **not** a comprehensive "one-stop shop." But Google Scholar will **not** contain everything that is in the Library's databases.

### **GreenFILE**

*Subjects: **multidisciplinary related to environment***

GreenFILE draws on the connections between the environment and a variety of disciplines such as agriculture, education, law, health and technology. Topics covered include global climate change, green building, pollution, sustainable agriculture, renewable energy, recycling, and more. The database provides indexing and abstracts, as well as Open Access full text.

### **IEEE Xplore (Institute of Electrical and Electronics Engineers)**

*Subjects: **Communication, image processing, sensor, antenna, computing, aerospace, robotics...***

Search for IEEE publications (books, journals, meeting papers, standards).

### **PubMed**

*Subjects: **medicine, nursing, dentistry, veterinary medicine, the health care system, and preclinical sciences, molecular biology***

PubMed is a free service of the US National Library of Medicine. It comprises citations for biomedical literature from MEDLINE, life science journals.

### **NASA Astrophysical Data System (ADS)**

*Subjects: **astronomy and astrophysics, physics, geophysics, instrumentation***

The SAO/NASA Astrophysics Data System (ADS) is a Digital Library portal for researchers in Astronomy and Physics, operated by the Smithsonian Astrophysical Observatory (SAO) under a NASA grant. The main body of data in the ADS consists of 11.0 million bibliographic records, which are searchable.

### **Open Grey**

*Subjects: **multidisciplinary***

Open Grey is a free service from the CNRS and INIST (France) which enables you to search over 700 000 citations in social and human sciences, engineering sciences, aeronautics, biological and medical sciences, energy and power, missile technology, electronics, electrical engineering, earth and atmospheric sciences, propulsion and space technology.

### **ProQuest Central**

*Subjects: **multidisciplinary***

ProQuest Central brings together many of our most used databases to create the most comprehensive, diverse, and relevant multidisciplinary research database available. It provides access to databases across all major subject areas, including business, health and medical, social sciences, arts and humanities, education, science and technology, and religion. The collection includes thousands of full-text scholarly journals, newspapers, magazines, dissertations, working papers, and market reports all together on a powerful, user-friendly platform.

### ScienceDirect

*Subjects: physical sciences and engineering, life sciences, health sciences, social sciences and humanities*

ScienceDirect is a website operated by the publisher Elsevier which enables to search through their 2500 academic journals.

### SAE Technical papers (Society for Automotive Engineers)

*Subjects: Design engineering, human factors and ergonomics, power and propulsion, safety, transportation systems, space vehicles, materials, electrical, electronics and avionics...*

Search for SAE publications (books, journals, meeting papers, proceedings, standards).

### SPIE Digital library (International Society for Optics and Photonics)

*Subjects: image processing, optical engineering, robotics, medical engineering, remote sensing, astronomical telescopes, instruments and systems...*

Search for SPIE publications (books, journals, meeting papers, proceedings, standards).

### Springer Link

*Subjects: astronomy, business and management, computer science, earth sciences, economics, education, energy, engineering, environmental sciences, law, life sciences, materials, medicine, philosophy, social sciences*

SpringerLink is a website operated by the German publisher Springer, which enables to search through their 3000 academic journals, ebooks and open access journals.

### WebOfScience

**Subjects: Multidisciplinary**

Whether looking at data, books, journals, proceedings or patents, Web of Science provides a single destination to access the most reliable, integrated, multidisciplinary research. Quality, curated content delivered alongside information on emerging trends, subject specific content and analysis tools make it easy for students, faculty, researchers, analysts, and program managers to pinpoint the most relevant research to inform their work. – On-campus only.

### WorldCat

**Subjects: multidisciplinary**

WorldCat is the world's largest network of library content and services. WorldCat libraries are dedicated to providing access to their resources on the web.

You can search for popular books and videos. You can also discover many digital contents. You may also find article citations with links to their full text.